BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: PACKAGE-6 : 1) IMPROVEMENTS TO OPEN SPACES IN DIFFERENT PLAY GROUND IN WARD NO. 09 (VIDYARANYAPURA), VIDYARANYAPURA SUB DIVISION. 2) IMPROVEMENTS AND ASPHALTING TO ROADS AND DRAINS NEAR CHAMUNDESHWARI TEMPLE AREA, DODDABOMMASANDRA IN WARD NO. 09 (VIDYARANYAPURA), VIDYARANYAPURA SUB DIVISION. 3) ASPHALTING TO BALANCE ROADS AT BEL LAYOUT, HMT LAYOUT, NTI LAYOUT, DEFENCE LAYOUT, THINDLU AND SURROUNDING AREAS IN WARD NO. 09 (VIDYARANYAPURA), VIDYARANYAPURA SUB DIVISION.

Name of Agency: Sri Chidananda Murthy. R, Contractor, # 16, 2nd Cross, Vinayaka Layout, Horamavu, Bangalore - 43.

Estimated Cost: 1,80,00,000.00

Tender Amount : Rs. 1,75,93,272.72 Lakhs

Work Order No. BBMP/EE/BTP/WO/18/2018-19 Dated: 06.07.2018.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, roads drains and trenches of pipe line and cables) and removing the excavated stuff to a	Cum	1874.20	166.42	311904.36	1874.20	200.00	374840.00	1895.78	1895.78	200.00	379157.00	0.00	0.00	0.00	379157.00		4317.00	
2	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed,	Cum	13.46	5159.02	69440.41	13.46	7000.00	94220.00	13.21	13.21	7000.00	92484.00	0.00	0.00	0.00	92484.00	1736.00		
3	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed,	Cum	103.66	5256.36	544874.28	103.66	6000.00	621960.00	13.77	13.77	6000.00	82604.00	0.00	0.00	0.00	82604.00	539356.00		
4	Removing B.S.slab of Drain and stacking as per the directions of the Engineer-in-charge of the work .	Sqm	429.45	65.72	28223.45	429.45	80.00	34356.00	378.31	378.31	80.00	30265.00	0.00	0.00	0.00	30265.00	4091.00		
5	Removing and refixing stone slabs of drains and pointing in CM (1:3) as per the directions of the Engineer-in-charge of the work .	Sqm	408.23	80.56	32887.01	408.23	95.00	38781.85	629.14	510.29	95.00	48477.00	118.85	92.81	11030.00	59507.00		20725.15	
6	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of	Sqm	124.50	665.68	82877.16	124.50	850.00	105825.00	160.98	155.63	850.00	132281.00	5.35	810.00	4338.00	136619.00		30794.00	
7	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of	Sqm	687.84	825.74	567977.00	687.84	900.00	619056.00	631.19	631.19	900.00	568069.00	0.00	0.00	0.00	568069.00	50987.00		
8	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of	Sqm	147.40	841.32	124010.57	147.40	1000.00	147400.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	147400.00		
9	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly	Cum	159.06	86.92	13825.50	159.06	110.00	17496.60	150.92	150.92	110.00	16601.00	0.00	0.00	0.00	16601.00	895.60		
10	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms as per the directions of the Engineer-in-	Cum	2089.10	112.78	235608.70	2089.10	150.00	313365.00	2046.71	2046.71	150.00	307006.00	0.00	0.00	0.00	307006.00	6359.00		

Tender Proc...

Scanned by CamScanner

Sl. No.	Description	Unit	Qty.	Rate	Amount	Qty.	Rate	Amount	executed Qty.	Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount	Executed Amount	Savings	Excess	Remar
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
11	Providing,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including pre mixing the Material with water at	Cum	159.06	1768.08	281230.80	159.06	2100.00	334026.00	854.62	198.83	2100.00	417533.00	655.79	2047.61	1342815.00	1760348.00		1426322.00	
12	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft	Sqm	691.55	13.78	9529.56	691.55	15.00	10373.25	4273.10	864.44	15.00	12967.00	3408.66	14.90	50790.00	63757.00		53383.75	
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying	Sqm	691.55	19.08	13194.77	691.55	22.00	15214.10	4273.10	864.44	22.00	19018.00	3408.66	17.14	58425.00	77443.00		62228.90	
14	Providing and laying bituminous macadam on prepared surface with crushed coarse as per design mix formula for base / binding courseincluding loading of aggregates with F.E.	Cum	36.31	5733.54	208184.84	36.31	6800.00	246908.00	213.61	45.39	6800.00	308635.00	168.22	6632.56	1115745.00	1424380.00		1177472.00	
15	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all	Sqm	20729.00	3.18	65918.22	20729.00	4.00	82916.00	17698.61	17698.61	4.00	70794.00	0.00	0.00	0.00	70794.00	12122.00		
16	Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.20kg per sqm on the existing prepared bituminous surface	Sqm	20729.00	9.54	197754.66	20729.00	10.00	207290.00	17944.37	17944.37	10.00	179444.00	0.00	0.00	0.00	179444.00	27846.00		
17	Providing and laying bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler,transporting the hot mix to work site,laying	Cum	912.43	9012.12	8222928.65	912.43	10000.00	9124300.00	814.10	814.10	10000.00	8140992.00	0.00	0.00	0.00	8140992.00	983308.00		
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm	Sqm	346.42	542.72	188009.06	346.42	600.00	207852.00	319.04	319.04	600.00	191424.00	0.00	0.00	0.00	191424.00	16428.00		
19	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations	Cum	55.82	827.86	46211.15	55.82	950.00	53029.00	100.44	69.78	950.00	66286.00	30.66	934.32	28650.00	94936.00		41907.00	
20	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine	Cum	55.82	3986.66	222535.36	55.82	4500.00	251190.00	100.44	69.78	4500.00	313988.00	30.66	4441.54	136196.00	450184.00		198994.00	
21	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per	Cum	58.61	6217.96	364434.64	58.61	6500.00	380965.00	87.88	73.26	6500.00	476206.00	14.62	6487.82	94864.00	571070.00		190105.00	
22	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Conrete Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick	Sqm	14.00	685.82	9601.48	14.00	800.00	11200.00	20.59	17.50	800.00	14000.00	3.09	783.69	2422.00	16422.00		5222.00	
23	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary Soil not	Cum	264.31	204.12	53950.96	264.31	220.00	58148.20	267.50	267.50	220.00	58851.00	0.00	0.00	0.00	58851.00		702.80	
24	Benching hard rock 5 to 7.5 cm depth. for seating of foundation, including cost of all labour complete as per specifications.	Cum	0.66	1460.16	963.71	0.66	1700.00	1122.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	1122.00		

Scanned by CamScanner

Sl. No.	Description	Unit	Qty.	Rate	Amount	Qty.	Rate	Amount	executed Qty.	Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount	Executed Amount	Savings	Excess	Remar
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
25	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum	Cum	18.17	5449.68	99020.69	18.17	6500.00	118105.00	12.54	12.54	6500.00	81510.00	0.00	0.00	0.00	81510.00	36595.00		
26	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two	Cum	54.51	4359.96	237661.42	54.51	5500.00	299805.00	39.14	39.14	5500.00	215285.00	0.00	0.00	0.00	215285.00	84520.00		
27	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high,	Cum	136.29	5668.92	772617.11	136.29	7000.00	954030.00	15.82	15.82	7000.00	110749.00	0.00	0.00	0.00	110749.00	843281.00		
28	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all	Sqm	63.42	249.48	15822.02	63.42	350.00	22197.00	28.14	28.14	350.00	9849.00	0.00	0.00	0.00	9849.00	12348.00		
29	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour	Sqm	6.96	513.00	3570.48	6.96	800.00	5568.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	5568.00		
30	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum	Cum	3.29	5985.36	19691.83	3.29	7000.00	23030.00	12.71	4.11	7000.00	28788.00	8.60	6819.14	58623.00	87411.00		64381.00	
31	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates	Cum	12.00	6718.68	80624.16	12.00	8000.00	96000.00	54.34	15.00	8000.00	120000.00	39.34	7752.99	305003.00	425003.00		329003.00	
32	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick	Cum	68.11	6550.20	446134.12	68.11	7500.00	510825.00	0.00	0.00	7500.00	0.00	0.00	0.00	0.00	0.00	510825.00		
33	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever	Tonne	2.56	60534.00	154967.04	2.56	80000.00	204800.00	8.15	3.20	80000.00	256000.00	4.95	76896.63	380715.00	636715.00		431915.00	
34	Providing two line dressing to granite stone slab / granite stone masonry as per specifications.	Sqm	147.40	981.72	144705.53	147.40	1100.00	162140.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	162140.00		
35	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing	Sqm	60.57	191.16	11578.56	60.57	250.00	15142.50	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	15142.50		
36	Providing and fixing 20mm thick gang saw water cut sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using	Sqm	60.57	2144.88	129915.38	60.57	3500.00	211995.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	211995.00		
37	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, :	Sqm	68.67	279.72	19208.37	68.67	400.00	27468.00	146.94	85.84	400.00	34335.00	61.10	360.65	22037.00	56372.00		28904.00	
38	Providing and finishing external walls with primer in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the	Sqm	68.67	90.72	6229.74	68.67	120.00	8240.40	146.94	84.84	120.00	10301.00	62.10	112.01	6844.00	17145.00		8904.60	

Scanned by CamScanner

Sl. No.	Description	Unit	Qty.	Rate	Amount	Qty.	Rate	Amount	executed Qty.	Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount	Executed Amount	Savings	Excess	Remar
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal	Sqm	681.08	638.28	434719.74	681.08	750.00	510810.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	510810.00		
40	Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion	Kgs	5792.50	118.80	688149.00	5792.50	120.00	695100.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	695100.00		
41	Providing and installing of Prepainted Galvolume iron trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest hight with crest distance	Sqm	134.60	831.60	111933.36	134.60	1100.00	148060.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	148060.00		
42	Providing and installing approved make pre painted Galvalume iron accessories, like, plain, ridges, plain gutter, plain flashing,corner	Sqm	18.50	799.20	14785.20	18.50	900.00	16650.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	16650.00		
43	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and	Sqm	134.60	31.32	4215.67	134.60	40.00	5384.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	5384.00		
44	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials,	Sqm	704.30	88.56	62372.81	704.30	100.00	70430.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	70430.00		
45	Providing and laying of granite slabs of 7.5cms thickness to gallery steps and erecting of stuss and purlins using crane.(crane charges per day)	Hrs	120.00	647.00	77640.00	120.00	800.00	96000.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	96000.00		
46	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	264.31	127.98	33826.39	264.31	150.00	39646.50	162.29	162.29	150.00	24344.00	0.00	0.00	0.00	24344.00	15302.50		
	Sub Total				15465464.92											16436740.00		4075281.20	
	Third Party Inspection Charges @ 1%				360000.00														
					1800000.00														
	Miscelaneous and unforgen charges	LS			374535.00														
	Total				18000000.00			17593269.40								16436740.00	5231819.60	4075281.20	

23.16 %

Percentage Excess $\frac{4075281.20}{17593269.40} \times 100$ = 23.16%

Approved Tender Amount

Assistant Engineer

Modified wages slip approved

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92

30/07

Chief Engineer
Yelahanka Zone

Scanned by CamScanner